

For Research Use Only

# IQSEC3 Polyclonal antibody

Catalog Number: 22411-1-AP



## Basic Information

<b>Catalog Number:</b> 22411-1-AP	<b>GenBank Accession Number:</b> BC024764	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 700 µg/ml	<b>GeneID (NCBI):</b> 440073	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UPP2	
<b>Isotype:</b> IgG	<b>Full Name:</b> IQ motif and Sec7 domain 3	
<b>Immunogen Catalog Number:</b> AG18117	<b>Calculated MW:</b> 1182 aa, 128 kDa	
	<b>Observed MW:</b> 128 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

IQSEC3, a gephyrin-binding GABAergic (gamma-aminobutyric acidergic) synapse-specific guanine nucleotide exchange factor, is expressed specifically in the adult brain, predominantly in the cerebral cortex and the olfactory bulb, but not in the fetal brain. IQSEC3 was recently reported to regulate activity-dependent GABAergic synapse maturation,

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

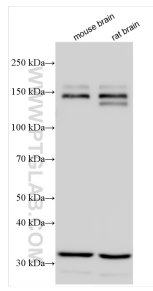
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22411-1-AP (IQSEC3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.